

HOBAR PUBLICATIONS

Presents

EDUCATIONAL COMPUTER SOFTWARE

TEST CONSTRUCTION AND REVIEW

by

William Andrew Bear, Instructor
Graphic Communications Department
University of Wisconsin - Stout
Menomonie, WI 54751

for

APPLE II+, IIe, IIc, 48K, DOS 3.3, 16 Sector Drive, 1 Disk Drive and Printer

This program will enable instructors to develop their own subject matter review programs. The format duplicates the Hobar Publications review programs such as Horticulture Review, Corn & Soybean Review, Concrete and Related Review, and Small Gas Engines plus the other REVIEW PROGRAMS by Hobar Publications.

The students will enjoy the review aspect of the program as they prepare for tests and quizzes.

Mr. Bear received his M.S. Degree in Management Technology from the University of Wisconsin-Stout, Menomonie, WI. Bear taught at Logan Senior High School, La Crosse, WI, for four years and at U.W. - Stout for three years. He is a Vocationally Certified Instructor and has taught in the areas of Graphic Communications, Computer Applications & Programming, Power Mechanics, and Small Gas Engines. Bear joined the staff at the University of Wisconsin-Stout in 1984.

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Hobar Publications
1234 Tiller Lane
St. Paul, MN 55112
612-633-3170

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SECTION 1. Notes to the Instructor.

This program is designed in two parts. Part one allows the student to review for tests or quizzes from any one of the question files. Part two allows the instructor to construct tests and quizzes from the files of questions. You can also add your own questions to these files, start a new file, delete or change questions in a file. We recommend that after working through this section you review part one, the student section of this program.

1.1 This program is designed to run on a 48K APPLE computer equipped with one disk drive in slot #6 and a printer in slot #1.

1.2 Insert the program diskette into drive #1.

1.3 Turn on the computer. It takes approximately 25 seconds to load the program into the memory of the computer. If it fails to load or the computer is already on, type in PR#6 and press (RETURN).

1.4 After the program has loaded, the following things will happen:

1.4.1 The Hobar logo will appear.

1.4.2 After 10 seconds the drive will restart and load the copyright warning.

1.4.3 After the warning, you will see the command "PRESS RETURN TO CONTINUE".

1.5 At this point, you have five choices on the MAIN MENU:

1) Practice Questions for Review

2) Add Questions or Start a File

3) Change or Delete a Question

4) Generate a Test

5) Quit

Each will perform a different function.

1.5.1 PRACTICE QUESTIONS FOR REVIEW is the section of this program that the student uses to review for tests and quizzes. Read the student section if more operational directions are needed.

1.5.2 ADD QUESTIONS OR START A FILE will allow you to update the files by adding new questions to any file, or starting a new file. The maximum number of files that can be stored on a disk is 10.

1.5.3 CHANGE OR DELETE A QUESTION will allow you to change any part of a question or the answer in any of the files. You can also delete a question in this section but once deleted it is gone permanently. This program will edit any of the files.

1.5.4 GENERATE A TEST FROM THE FILES is what this disk is all about. It allows you to construct a test or quiz from the question files. Any number of files can be accessed to construct a comprehensive test or quiz. The program includes directions, questions, answers, and the answer key.

1.6 Enter your number choice and press (RETURN).

1.6.1 The password is HOBAR, in capital letters, and press (RETURN).

SECTION 2. Operational Procedures.

2.1 Operating procedure for PRACTICE QUESTIONS FOR REVIEW.

2.1.1 See STUDENT SECTION 3 for operational instructions.

2.2a Operating procedure for ADDING QUESTIONS or STARTING A NEW FILE.

This program will allow you to add questions to the existing file or to or to start a new file. Remember the password, HOBAR.

2.2.1 The next menu lists the file names already on the disk. You also have the option to start a new file or you can return to the MAIN MENU. Type in your choice of files and press (RETURN).

2.2.2 The questions will be loaded into the computer memory and the and the number of questions in the file plus the remaining number will be listed. Press (RETURN) and the blank format will come to the screen.

2.2.3 Type in the question, comes on the screen and there are 160 dashes which can be replaced with question characters. See other notes, page 6.

2.2.4 Do not type past the last dash. You can include a comma, colon, semicolon or other punctuation in the question. You may keep the Caps Lock down and use only capital letters or release the key and use upper and lower case letters. When typing the questions and/or answers, type the words with spaces between the words. DO NOT worry about splitting words at the end of the lines. When the printer prints out the questions for generating a test or for the output of questions for review the words per line will be adjusted. After typing in the question, proof and the press (RETURN).

2.2.5 Type in the answer 'A', proof and press (RETURN). You may use from two to five answers. After typing in the last desired answer, press (RETURN) and the computer asks you to enter the correct letter of the answer. The answer can be in a upper or lower case letter.

2.2.6 The prompt asks if the above information is correct? Y / N.

2.2.7 Check the question and answers again. If correct type 'Y' and press (RETURN). If there is an error in either the question (Q), answers (A) or correct answer (C) type 'N'. The question, answers or correct answer will be erased and you will need to retype the incorrect item. Therefore, it is important to proof each statement after typing so any necessary changes can be made when at the location.

2.2.8 If your response had been 'Y' the next prompt is to ask if you want to add another question? Press 'Y' and the blanks for the next question will appear.

2.2.9 If you do not want to add more questions to the file press 'N'. The computer program will then save the questions to the disk and return to the copyright screen. Press (RETURN) to continue and return to the MAIN MENU. Make 2) your next selection and start a new file.

2.2.b Operating procedure for STARTING A NEW FILE.

2.2.1 Select 2) ADD QUESTIONS or START A FILE and press the number before start a new file and press (RETURN).

2.2.2 Type in the new file name as prompted but the name can not be longer than 32 characters. Type (RETURN). The name cannot be changed!!

2.2.3 Being a new file there will be '0' questions in the file and 200 questions can still be added. Press (RETURN) and add questions to the new file. Save the questions and return to the MAIN MENU. See notes on page 6 for more details on the total number of questions.

2.3 Operating procedure for CHANGE OR DELETE A QUESTION.

2.3.1 Press 3) and then enter the password, HOBAR in uppercase letters.

2.3.2 The list of question files will appear on the next screen. Select the file where you want to change or delete a question and press (RETURN).

2.3.3 The SELECTION MENU lists three options: 1) Delete a Question, 2) Change a Question and 3) Quit. Select 1) Delete a question and you do not need to press (RETURN). Follow the prompts.

2.3.4 The first question will be listed and the options are D = Delete, S = Stop or Return = Next Question.

- 1) Press 'D' to delete the question on the screen.
- 2) Press 'RETURN' and the next question comes to the screen.
- 3) Press 'Stop' and the questions will be saved to the disk.

2.3.5 You are returned to the QUESTION FILES MENU and if questions are to be changed select the correct file and press (RETURN).

2.3.6 From the SELECTION MENU select 2) Change a Question, follow the prompts and the first question comes to the screen. You have the following choices:

- Q = change a question
- C = change the correct answer
- A = change the answer
- RETURN = continue, go to the next question
- S = stop and the questions will be saved.

2.3.7 If you select 'Q' the question will be erased and you can type the revision. If assistance is needed go to 2.2a.

2.3.8 If you select 'A' change the answer, the options available are to change A, B, C, D or E. Make your selection and correction.

2.3.9 If you select 'C' the prompt is to select either A, B, C, D or E.

2.3.10 When all the changes have been made on the question press 'N' and the next question will be loaded on the screen. If you press 'Y' you will be returned to the question.

2.3.11 When finished with the changes press 'S' and the questions will be saved to the disk and you will be returned to the QUESTIONS FILE. If you are finished press QUIT and (RETURN) and go to the copyright warning.

2.4 Operating procedure for GENERATE A TEST FROM THE FILES

2.4.1 Select GENERATE A TEST from the MAIN MENU. Follow the prompts.

2.4.2 From the QUESTIONS FILE select the desired file and the questions will be loaded in the computer.

2.4.3 You will be given a choice of three sets of directions for the students. SELECT # 1, 2 or 3.

2.4.4 A printer is required. Turn on the printer and press (RETURN).

2.4.5 Enter the slot number, 1/7, where the printer card is located.

2.4.6 Type in the name of the test but do not exceed 32 spaces and press (RETURN). For example, Semester Test.

2.4.7 The computer will now display the first question, then a list of commands:

1) Press 'P' and the question that is being displayed will be printed on the test with the answers.

A) After printing a question, the next question will be loaded to the screen.

B) There are two ways to determine the number of lines per page that will be used when generating a test.

C) The first technique is the 'eyeball and hand' method. By watching the paper projecting from the printer the operator soon learns when to look and turn the printer roller until the paper perforation is above the ribbon.

D) The second technique is the 'cut and tape' method. Printout the desired questions and do not worry about the perforations. When finished 'cut' the paper into page length pieces, tape together if necessary and then reproduce the test on an appropriate copy machine.

2) Press 'N' and the next question in the file will be displayed.

3) Press 'D' and you can change to a different file.

4) Press 'B' if you want to go back to a previous question.

5) Press 'Q' and (RETURN) after you have selected all the desired test questions in the file and you will receive the answer printout to the questions. If the test will involve several files, wait and print out the answers at the end of the test.

When you reach the last question in the file the prompt will ask if you want another test file. If you answer 'N' you will get a printout of the answer key. If you want to select questions from other files, follow the instructions and then obtain the answers to all selected test questions. Regardless of the file number for the questions selected the printed test questions will be sequenced numerically as will the answer key. If you say 'Y' you will return to the MAIN MENU. Continue to your next selection.

2.4.8 After the answers are printed out the copyright warning will return to the screen. Press (RETURN) to continue.

SECTION 3. Hints to the Student for Operating the Program.

This program is designed to assist you in reviewing for a test or quiz. It will also help as you do your daily assignments.

3.1 This program is designed to run with the disk drive in slot # 6.

3.2 Insert the program diskette into drive # 1.

3.3 Turn on the computer. It takes 25 seconds to load the program into the memory of the computer. If it fails to load or the computer is already on, type in PR# 6 and press (RETURN).

3.4 After the program is loaded the following events will happen:

3.4.1 The Hobar logo will appear.

3.4.2 After a few seconds, the drive will restart and load the copyright warning.

3.4.3 Press (RETURN) after reading the copyright warning. The computer will now load the program.

3.4.4 The computer will display the MAIN MENU, Press #1, PRACTICE QUESTIONS for review. You do not need to press (RETURN). The computer will read the question file menu and also provide an opportunity to quit.

3.4.5 Type in the number of the question file you want to study first and press (RETURN). You will be told how many questions there are in the file. Possibly, you studied some of the questions yesterday, thus, start where you left off.

3.4.6 Next, type in the number of the last question you want to study and press (RETURN).

3.4.7 The computer will now display the first question. Read the question and its answers and then type in the correct answer's letter. If you miss the answer it will state that you have the wrong answer and to try again. Press (RETURN) and it will reappear on the screen. You will have only two chances to answer the question correctly and then the next question will be loaded to the screen.

OTHER NOTES:

From 2.2.3: The total number of questions per file is 200. Whether you could place 200 questions in all ten files depends on the length of questions written. Multiple choice questions require more space than T & F so the exact number is difficult to predict. Most teachers will load 50 - 60 questions per file.

3.4.8 After the last question has been answered, you will be prompted to enter your name, press (RETURN). Then enter today's date with this format: MM/DD/YYYY.

3.4.9 Would you like a printed copy of the results. Y / N? Press 'Y' and then enter the CORRECT printer slot number, 1 / 7. If for some reason you enter an incorrect slot number the screen will go blank and you will need to reboot the program. If the printer is turned on your test results will be printed out. for example:

```
STUDENTS NAME -----> JOHN DOE
DATE QUIZ WAS TAKEN -----> 12/02/1985

QUESTION FILE NAME-----> SMALL GASOLINE ENGINES
STARTED AT QUESTION # 11
ENDED AT QUESTION  # 13
NUMBER OF QUESTIONS -> 3

CORRECT ANSWERS ON FIRST TRY ---> 3
CORRECT ANSWERS ON SECOND TRY --> 0
% CORRECT ANSWERS ON FIRST TRY -> 100

WRONG ANSWER ON FIRST TRY -----> 0
WRONG ANSWER ON SECOND TRY -----> 0
```

This report can be handed in to your instructor. Do you want to practice some more?

3.4.10 If you have time to study more questions press 'Y' and follow the screen prompts to return to the QUESTION MENU and load the next file and select the desired questions.

3.4.11 This time you don't need a printout so press 'N' and you will get a printout on the screen. Review the results and press (RETURN).

3.4.12 If you are finished say 'N' and return to the copyright warning. Press (RETURN) and go to the (MAIN MENU). Proceed to Section 4.

3.5 MORE NOTES:

SECTION 4. Completed With Your Review

- 4.1 Never remove a diskette while the red "in use" light is lit.
 - 4.1.1 This could damage the diskette.
 - 4.1.2 This could erase or damage the data on the diskette.
- 4.2 Remove the diskette from the drive.
 - 4.2.1 Open the drive door by lifting it upward.
 - 4.2.2 Lifting the drive door lifts the read/write head from the diskette.
 - 4.2.3 Pull the diskette straight out of the slot.
 - 4.2.4 Place the diskette in a storage container.
 - 4.2.5 Store the container in a safe location.
- 4.3 Do not leave a diskette in a drive for a long period of time without using it.
- 4.4 Power down (shut off) the computer.

SECTION 5. Options and Accessories.

The following hints will be helpful depending upon your personal programming ability, interest, and type of computer hardware available.

- 5.1 Do not attempt to copy or alter the basic program.
- 5.2 Any changes which might affect the program output and operation becomes your responsibility and not the responsibility of Hobar Publications.
- 5.3 This program will run on a number of different printers.
 - 5.3.1 Control characters for your printer must be loaded prior to booting this diskette.
 - 5.3.2 You must be familiar with your PRINTER! Hobar Publications cannot explain all of the options.
- 5.4 If the diskette becomes worn because of extensive use and needs replacement, you may return it to Hobar Publications with \$7.50 and obtain a new diskette.

SECTION 6. Disclaimer of Warranties and Liabilities.

- 6.1 Hobar Publications makes no warranties, either express or implied with respect to this diskette and instructions, hardware, and other software utilized with this program: its quality, performance, merchantability, and fitness for the implied purpose.
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Hobar Publications
1234 Tiller Lane
St. Paul, MN 55112
612-633-3170